

## Data Files

File name	Description
datalabel.csv	CSV file that contains the data and labels. -1 denotes that a data point is missing.
data.csv	CSV file that contains the data. -1 denotes that a data point is missing.

## IV Analysis (given GS) using distance to college or the interaction of college proximity with parental education as IV (Case 7-12 and 15-16)

File name	Description
analyze_iv.m	Main runnable file.
iv_regression.m	Performs IV regression
generate_titles.m	Sets case_title/case_summary to an appropriate value for display.
generate_xlabels.m	Retrieves the labels for the regressors and sets these to a variable called xlabels.
parse_iv_raw_data.m	Parses raw data into the variables.
populate_iv_data.m	A hub file that specifies the variables and invokes the correct populate_iv_data method depending on the case number.
populate_iv_case710.m	This is invoked for case 7. IV (given GS); instrument for educ, exper, expersq with nearc4, age, agesq
populate_iv_case89.m	This is invoked for case 8. IV (given GS) proxy log of IQ; exclude missing IQ obs; instrument for educ, exper, expersq with nearc4, age, agesq
populate_iv_case89.m	This is invoked for case 9. IV (given GS); proxy log of KWW; exclude missing KWW obs; instrument for educ, exper, expersq with nearc4, age, agesq <b>This generates the results in Table 3, columns 1, 3, and 4</b>
populate_iv_case710.m	This is invoked for case 10. IV (given GS plus nearc4); instrument for educ, exper, expersq with parenteduc*nearc4, age, agesq
populate_iv_case1112.m	This is invoked for case 11. IV (given GS plus nearc4); Proxy log of IQ; exclude missing IQ obs; instrument for educ, exper, expersq with with parenteduc*nearc4, age, agesq
populate_iv_case1112.m	This is invoked for case 12. IV (given GS and nearc4); Proxy log of KWW ; exclude missing KWW obs; instrument for educ, exper, expersq with with parenteduc*nearc4, age, agesq
populate_iv_case1516.m	This is invoked for case 15. IV (given GS and log(KWW)); instrument for educ, exper, expersq with nearc4, age, agesq <b>This generates the results in Table 3, column 2</b>
populate_iv_case1516.m	This is invoked for case 16. IV (given GS plus nearc4 and log(KWW)); instrument for educ, exper, expersq with parenteduc*nearc4, age, agesq
get_std_error.m	Calculates IV standard error
run_iv_analysis.m	Computes and displays IV regression coefficient, bounds, and confidence intervals.
setBoundsd.m	Computes the bounds and confidence regions